

PHOTOGRAPHIC INTERPRETATION REPORT



CHENG-YANG
PROBABLE SIGINT FACILITY
CHINA

[Redacted]

25X1

MARCH 1968

COPY 1

3 PAGES

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[Redacted]

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

Declass Review by NIMA/DOD

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March 1968

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER			
INSTALLATION NAME	GEO COORDS	FUNCTION	
Cheng-yang Probable SIGINT Facility, China	36-20-30N 120-22-00E	HF/DF	
	WAC	BE NO	NPIC NO
	0381	None	107-E

25X1A

LOCATION	2.5 nm north of Cheng-yang		
MAP REFERENCE	Document Reference:		
ACIC series, scale 1:200,000	NPIC	(TS	
PHOTOGRAPHY			

25X1

25X1D

REQUIREMENT	NPIC PROJECT
NSA/SOC/R96-67	11399AS/67

Basic Operational Components:

FIX EIGHT

Triple FIX EIGHT in a triangular arrangement.

Communications Facility containing 2 Rhombic antennas, 1 Fishbone antenna, 1 Vee antenna, and 8 Dipole antennas.

IMAGERY ANALYSIS: The Cheng-yang Probable SIGINT Facility includes a communications facility at 36-21-00N 120-22-00E which is designated A on Figure 1; a triple FIX EIGHT arranged in a triangular pattern centered at 36-20-25N 120-21-30E, the component of which are designated B, C, and D on Figure 1; and an isolated FIX EIGHT at 36-20-45N 120-20-58E which is designated E on Figure 1. The distances between the components of the facility are shown on Figure 1.



The approximate dimensions and orientations of the antennas in the communications facility are shown on Figure 2 and are summarized in the table below. Because the azimuthal projections are approximate, the projections to determine possible correspondents would not be meaningful.

ANTENNAS

Number	Type	Dimensions (in feet)	Orientation** (in degrees)
1	Rhombic	<div></div>	85/265
2	Rhombic		100/280
3	Vee		140/320
4	Dipole		
5	Dipole		75/255
6	Dipole		40/220
7	Dipole		70/250
8	Dipole		350/170
9	Dipole		330/150
10	Dipole		300/120
11	Dipole		285/105
12	Fishbone		90/270

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**Azimuthal Projections are approximate.

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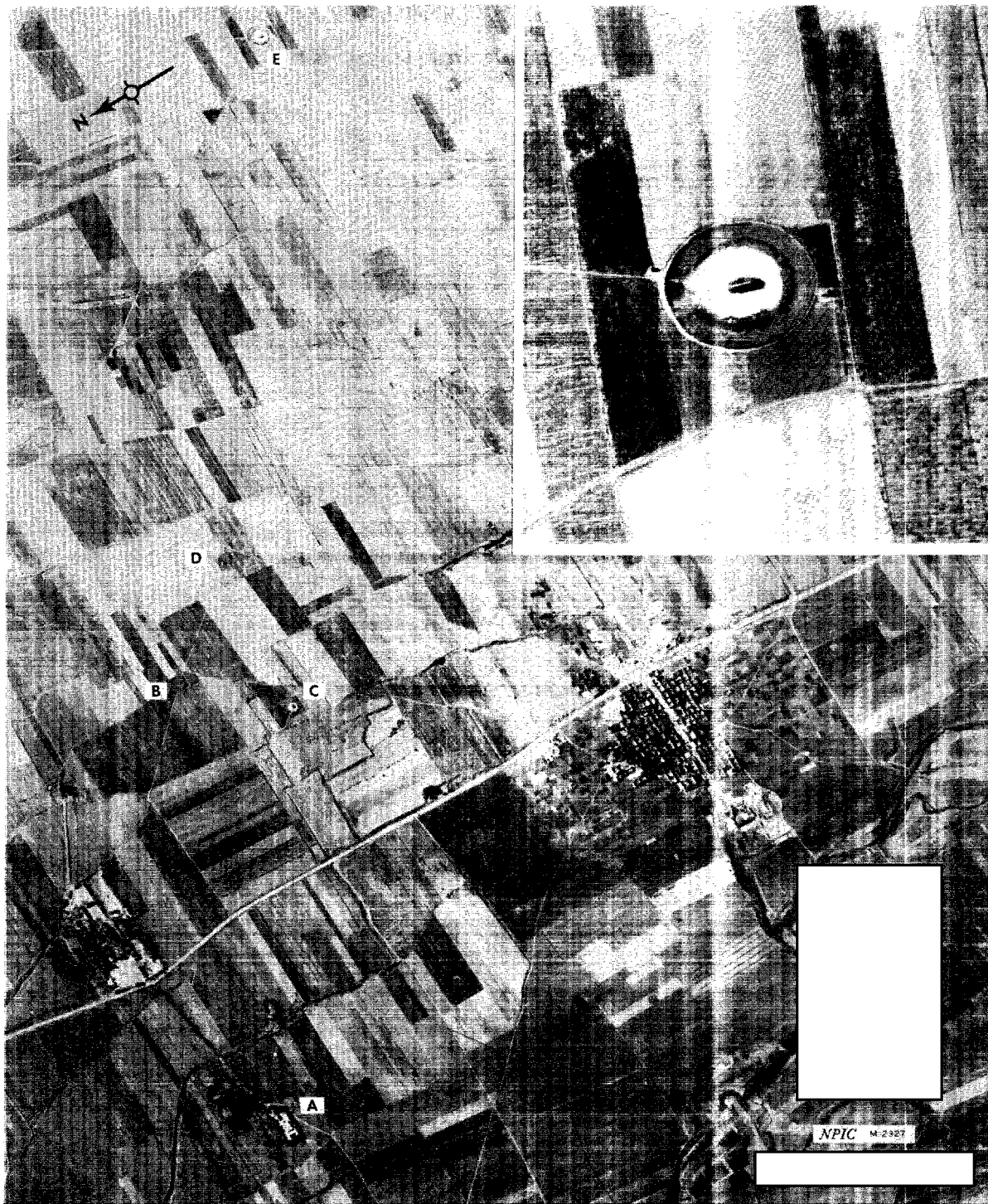


FIGURE 1. CHENG-YANG PROBABLE SIGINT FACILITY

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